

Date: Fri, 8 Jan 93 12:15:32 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #39  
To: Info-Hams

Info-Hams Digest                      Fri, 8 Jan 93                      Volume 93 : Issue    39

Today's Topics:

                    430mhz band under th  
                    Alinco DJ-580t external power  
                    Anybody want to talk about Clover?  
                    ARRL 10 meter preamp help?  
                    Collins R-388 receiver (2 msgs)  
                    Dual Band Moble Radio  
                    HELP: ICOM IC2SE Mods & US info Wanted  
                    Info-Hams Digest V93 #35 (2 msgs)  
                    Looking for Hamfests in Denver/Colorado Springs this Summer  
                    On private repeaters  
                    QSL status of YX0AI  
                    Ringo Ranger II performance (2 msgs)  
                    Speaking of QSL cards

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Fri, 8 Jan 1993 17:11:37 GMT  
From: usc!cs.utexas.edu!zaphod.mps.ohio-state.edu!darwin.sura.net!spool.mu.edu!  
umn.edu!umeecs!zip.eecs.umich.edu!hideg@network.UCSD.EDU  
Subject: 430mhz band under th  
To: info-hams@ucsd.edu

I think the University of Waterloo needs to give Craig Lemon more homework.

-----  
Steve Hideg    N8HSC

hideg@amadeus.erim.org

-----  
Date: Fri, 8 Jan 1993 15:26:38 GMT  
From: shearson.com!jenny!mjohnsto@uunet.uu.net  
Subject: Alinco DJ-580t external power  
To: info-hams@ucsd.edu

I just got my Alinco yesterday and I'm very happy with this unit. It has a nice feel and offers a great deal for the money. I got the stock battery which came with. This works fine but I'd like to be able to run the unit off the 13.8vdc jack which is provided. This is so I can run the full 5watts while at home.

Glancing through the Radio Shack catalogue, I don't see any power adapters that would work with this radio. I know I can just order the adapter from where I purchased the radio but I think that might be unnecessary. Are you using the external power jack on your Alinco? What do you use to power it with?

73

MJ

--

Michael R. Johnston, System Administrator mjohnsto@shearson.com  
"The reasonable man adapts himself to the world; the unreasonable one persists in trying to adapt the world to himself. Therefore, all progress depends on the unreasonable man." - G.B. Shaw

-----  
Date: Fri, 08 Jan 93 18:33:37 GMT  
From: sdd.hp.com!zaphod.mps.ohio-state.edu!darwin.sura.net!mojo.eng.umd.edu!chuck@network.UCSD.EDU  
Subject: Anybody want to talk about Clover?  
To: info-hams@ucsd.edu

In article <1iidqgINNet9@darkstar.UCSC.EDU> haynes@cats.ucsc.edu (Jim Haynes) writes:

>

>And does that belong here, or should it go to the packet newsgroup?

It belongs here, because it is of general interest to more than just packet folk.

73,

Chuck Harris - WA3UQV  
chuck@eng.umd.edu

-----  
Date: Fri, 8 Jan 1993 16:21:46 GMT  
From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!gatech!kd4nc!ke4zv!  
gary@network.UCSD.EDU  
Subject: ARRL 10 meter preamp help?  
To: info-hams@ucsd.edu

In article <1993Jan5.160549.3344@nnnptd2.cxo.dec.com> little@nuts2u.enet.dec.com  
(nuts2u::little) writes:

>I just finished building a bread board version of the dual gate MOSFET 10  
>meter preamp described in the ARRL Handbook. My problem is that I can't  
>get the thing to function properly. At the moment it operates more as an  
>attenuator than an amplifier.

>

>I can peak the variable capacitor, but find very little change in signal  
>strength when adjusting the slug tuned coil. The coil is one I wound  
>myself on a form a salvaged from another coil.

>

>The write up describes circuit placement as not being critical and this is  
>after all only 28 MHz. I'm at a loss to figure out how to "debug" the  
>circuit. Any suggestions?

I'll take a guess and say your salvaged coil's core is the wrong material  
for this frequency range. It's probably resonant at a grossly different  
frequency. As a quick check, wind an air core coil for the proper inductance,  
consult the front of the Handbook for the formula, and see if the preamp  
works. If it does, then the core's the culprit.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				emory!ke4zv!gary@gatech.edu

-----  
Date: Fri, 8 Jan 1993 19:12:34 GMT  
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!darwin.sura.net!  
mlb.semi.harris.com!news@network.UCSD.EDU  
Subject: Collins R-388 receiver  
To: info-hams@ucsd.edu

I recently purchased a Collins R-388 from a US Government auction. I have yet to fire it up. Can I get some comments on this receiver as to performance vs the \$150 I paid for it.

Thanks,  
Ray

-----  
Date: Fri, 8 Jan 1993 19:30:47 GMT  
From: usc!howland.reston.ans.net!paladin.american.edu!darwin.sura.net!  
mlb.semi.harris.com!news@network.UCSD.EDU  
Subject: Collins R-388 receiver  
To: info-hams@ucsd.edu

I recently purchased a Collins R-388 from a US Government auction. I have yet to fire it up. Can I get some comments on this receiver as to performance vs the \$150 I paid for it. I'm very sorry if this is posted numerous times. I not sure if it's being posted properly.

Thanks,  
Ray

-----  
Date: 8 Jan 93 17:41:56 GMT  
From: olivea!sgigate!sgiblab!sdd.hp.com!zaphod.mps.ohio-state.edu!  
sol.ctr.columbia.edu!ira.uka.de!yale.edu!jvnc.net!newsserver.jvnc.net!phage!  
phage.cshl.org!stellabo@ames.arpa  
Subject: Dual Band Moble Radio  
To: info-hams@ucsd.edu

Is there a dual band moble rig that does both 10 meters and  
2 meters .. or 10 meters and 440 ..??

Thanks ..

-Fred

-----  
>| ==== Fred J. Stellabotte N2JCD stellabo@cshl.org  
>| ==== Computer Systems Manager  
>| ==== CFIA SEL MEL Commerical Instrument  
>| ====  
>| ==== Cold Spring Harbor Laboratory Voice: (516)367-8420  
-----

>| ==== 1 Bungtown Road  
>| ==== Cold Spring Harbor, New York 11724

Fax: (516)367-8845

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Date: Fri, 8 Jan 1993 18:17:29 GMT  
From: sdd.hp.com!saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!  
sol.ctr.columbia.edu!destroyer!cs.ubc.ca!fs1.ee.ubc.ca!niallp@network.UCSD.EDU  
Subject: HELP: ICOM IC2SE Mods & US info Wanted  
To: info-hams@ucsd.edu

In article <1993Jan8.034740.3706@ee.ubc.ca> niallp@ee.ubc.ca (niall parker) writes:

>In article <1993Jan5.130837.16628@rdg.dec.com> ralexander@irnbru.enet.dec.com (Robin Alexander) writes:

>>Hi,

>>

>>I recently acquired a 2nd hand IC2SE H/H. I'm gonna be  
>>visiting the US at the end of the Month for the SuperBowl  
>>and wondered if anyone had any info on how to mod the set  
>>for the US frequency allocation???

>>

>

>The mod for North American coverage is pretty simple, just removing  
>a wire jumper from the thumbwheel and completing the connection at  
>the other end of the ribbon cable at two points just before it  
>connects to the headers by the PLL counter.

>

>The wire jumper is for expanded receive 140-150 (normally it  
>just wraps the thumbwheel data over at 146 (148)). This also  
>opens it up for transmit as well however, so you will have to  
>watch the PTT when listening out of band. This can be fixed by the  
>addition of a 10K resistor near the same chip, (sorry if it's  
>rather vague, I haven't got the schematics with me !).

>

Whoops! These are the mods for the 2E, not the 2SE.  
Sorry for any confusion (... what thumbwheel ???).

The 2SE requires the removal of diodes D5 and D6 from the  
logic A unit and the insertion of D4 (you can use one of the  
removed diodes).

--

- - - - -

Niall Parker

niallp@ee.ubc.ca

UBC Electrical Engineering            or    VE7HEX@VE7UBC.#VANC.BC.CAN.NOAM

-----  
Date: 8 Jan 93 15:03:05 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Info-Hams Digest V93 #35  
To: info-hams@ucsd.edu

subsubscribe me

-----  
Date: 8 Jan 93 15:03:13 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Info-Hams Digest V93 #35  
To: info-hams@ucsd.edu

unsubscribe me i mean

-----  
Date: Fri, 8 Jan 1993 16:21:27 GMT  
From: psinntp!pool!gsfm@uunet.uu.net  
Subject: Looking for Hamfests in Denver/Colorado Springs this Summer  
To: info-hams@ucsd.edu

I am looking for information on Hamfests which will take place in the Summer in the Denver and/or Colorado Springs area. Specifically, the date(s) is the most important thing. I am trying to plan my vacation and it would be nice to hit a hamfest in that area while visiting.

Thanks.    Len Popyack, WF2V

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Date: Fri, 08 Jan 93 18:45:05 GMT  
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!rpi!gatech!  
darwin.sura.net!mojo.eng.umd.edu!chuck@network.UCSD.EDU  
Subject: On private repeaters  
To: info-hams@ucsd.edu

In article <1993Jan7.225447.29233@alleggra.att.com> rfc@alleggra.att.com (Robert F. Casey) writes:

...  
>I suspect that the above arguement might have merit \*if\* the rest of the  
>band is, at the time you wanted to operate, so jam packed that you can't  
>find an open frequency to use. That's rarely the case, and you probably

>should operate on a frequency that is not the input to someone's machine  
>if you don't intend to use, with permission, that machine. There are  
>simplex subbands for non-repeater voice operations. And usually not  
>all occupied at all times.

Well, since we've been talking about closed repeaters in general, and their effect on the 440-449MHz section of the 3/4m band in specific; the simplex frequencies for fm voice are: ... 446.00MHz. Oops! Did I say frequencies? I meant frequency. (OBTW, this is according to the ARRL band plan for 3/4m.)

73,

Chuck Harris - WA3UQV  
chuck@eng.umd.edu

-----  
Date: Fri, 8 Jan 1993 16:49:27 GMT  
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!news1.boi.hp.com!  
wes@network.UCSD.EDU  
Subject: QSL status of YX0AI  
To: info-hams@ucsd.edu

Tom Skelton (tskelton@ncrc1m.ClemsonSC.NCR.COM) wrote:  
: Some of the locals on the packetcluster report that QSL's from the  
: most recent AVES ISLAND expedition are trickling in. One guy has  
: sent cards to three different addresses and still doesn't have one,  
: and this is a new one for him. Anyone out there have any good info  
: on what's really happening? tnX! 73, Tom WB4IUX  
:  
: --

I received a qsl for a 75m ssb contact (sent to the original address) and one for 10m ssb which was sent to the new address several months later. I can't remember exactly when I received them, but it has been several months. I have not received a qsl for 40m ssb which was sent to the original address.

--

Wes Nielson WZ7J

-----  
Date: Fri, 8 Jan 1993 16:17:43 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!kd4nc!  
ke4zv!gary@network.UCSD.EDU  
Subject: Ringo Ranger II performance  
To: info-hams@ucsd.edu

In article <7JAN93.23401771@nauvax.ucc.nau.edu> cvm@nauvax.ucc.nau.edu writes:  
>I am considering replacing my 2 meter J-pole with a Cushcraft Ringo Ranger II.  
>I am interested in others' experience with the performance of this antenna.  
>Will I see a real difference over the J-pole? The 5/8 wave J-pole I have is  
>supposed to have a 2-3 db gain. Cushcraft claims/brags a 7 db gain on their  
>antenna. Is this accurate or realistic?

Maybe when compared to a dummy load. :-(

That gain figure is compared to an \*isotropic\* source. Subtract 2.14 db to get gain over a vertical dipole. Nearly 5 db is really still too much gain for this antenna. A realistic figure compared to a vertical dipole would be 3 db. If you want a good gain antenna for base use, look at the Comets and Diamonds. They have more gain, at least the bigger ones, and they are mechanically more rugged. The ultimate base antennas are DB Products, but most people cringe at paying \$500 or more for an antenna. I have a Comet 2X4Max dualbander for base use and it is vastly superior to the Ringo. An Isopole is usually better than the Ringo. Your J-pole is probably about equal to an Isopole, and either is better mechanically than the Ringo. Cushcraft makes some reasonably good antennas, their long boomers are nice, but this antenna will not offer much improvement, if any, over a well constructed J-pole.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				emory!ke4zv!gary@gatech.edu

-----  
Date: Fri, 8 Jan 1993 19:12:40 GMT  
From: psinntp!isc-newsserver!cep4478@uunet.uu.net  
Subject: Ringo Ranger II performance  
To: info-hams@ucsd.edu

>>I am considering replacing my 2 meter J-pole with a Cushcraft Ringo Ranger II.

>Maybe when compared to a dummy load. :-(

I have to agree with Gary on this one - the IsoPole's performance has been much better than my Ringo II when mounted in the same location with the same radio. The one thing that Gary left out is that the Ringo II is also not very well built mechanically - factory clamps have rusted, and the two little rods that stick out of the middle of the antenna fill up with



ice and bend. I still have the Ringo II, but only because I've already got it and it's not worth selling; since then, I've bought the IsoPole's for K2GXT and we've been much happier.

Chris

--

Christopher E. Piggott, WZ2B

President

Rochester Institute of Technology

Amateur Radio Club K2GXT

cep4478@ulb.isc.rit.edu

wz2b.ampr [44.69.0.1]

wz2b @ WB2PSI.#WNY.NY.USA.NA

CEP4478@RITVAXA.BITNET

-----  
Date: 8 Jan 93 15:30:38 GMT

From: usc!cs.utexas.edu!qt.cs.utexas.edu!yale.edu!jvnc.net!netnews.upenn.edu!  
prijat!triangle.cs.uofs.edu!bill@network.UCSD.EDU

Subject: Speaking of QSL cards

To: info-hams@ucsd.edu

Now that I am actually giving serious consideration to getting back on HF after many moons, the issue of QSL cards needs to be brought up. I have 2 different kinds now, one generic and one commemorative. BUT, I used to have (what I thought was) a pretty cute card when I lived in Germany. I would love to get more of these made up with my US callsign on them.

Now here's the catch.

They were printed by a company called Raum from Philadelphia. Does anyone know if they are still in business?? I couldn't find an add for them in either QST or 73's. If they are, I would appreciate a phone number from anyone who has it.

Barring that, are QSL designs usually copyrighted?? Can I get someone else to print cards just like this one??

Any info will be greatly appreciated. Who knows, maybe I can be a big gun DXer too. (Yeah, right. With my TS-820 and 5BTV.)

bill KB3YV

--

Bill Gunshannon	"There are no evil thoughts, Mr. Reardon" Francisco
bill@cs.uofs.edu	said softly, "except one; the refusal to think."
	#include <std disclaimer.h>

-----  
Date: Fri, 8 Jan 1993 16:24:07 GMT

From: sdd.hp.com!zaphod.mps.ohio-state.edu!darwin.sura.net!gatech!kd4nc!ke4zv!  
gary@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1ihk85INNeh8@tamsun.tamu.edu>, <1iimg8INNsdm@network.ucsd.edu>,  
<1993Jan8.083634.21991@qualcomm.com>  
Reply-To : gary@ke4zv.UUCP (Gary Coffman)  
Subject : Re: Who do repeater coordinators represent?

In article <1993Jan8.083634.21991@qualcomm.com> karn@servo.qualcomm.com (Phil  
Karn) writes:  
>In article <1iimg8INNsdm@network.ucsd.edu> brian@ucsd.edu (Brian Kantor) writes:  
>>That's all well and good theory, Phil, but who is going to build it?  
>  
>Theory in ham radio, perhaps. Practice elsewhere. Anybody with the  
>time and the tenacity who wants to can build it.

Building it is the easy part, convincing \*everyone\* else on the frequency  
to adopt it is the hard part.

>>BTW, when are you going to put your antennas up? You've been living  
>>there at least half a year and you don't have ANY of them installed yet.  
>  
>When I get interested in ham radio again.

That's depressing.

Gary

--  
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary  
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary  
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary  
Lawrenceville, GA 30244 | emory!ke4zv!gary@gatech.edu

-----  
Date: Fri, 8 Jan 1993 15:49:15 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!kd4nc!  
ke4zv!gary@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <reid.29.725760302@ucs.indiana.edu>,  
<1993Jan03.232623.4498@uhura.neoucom.edu>, <13412@bnr-rsc.UUCP>  
Reply-To : gary@ke4zv.UUCP (Gary Coffman)  
Subject : Re: RFI susceptibility of new cars?

In article <13412@bnr-rsc.UUCP> everett@nmerh97.NoSubdomain.NoDomain (Jerry F.

Everett) writes:

>My RFI susceptibility is so bad I took the rig out of my GM car....Read on!!

>

>

>My problems with vehicle RFI have been a bit different.

>

>First a overview of my system:

>Chev Cavalier 1990 (There is nooooo waayyyy I am going to drill a hole

>and believe me when I tell you I am a truly fanatic ham. It is my first car.)

Believe me, real hams have the electric drill whirring before their brand new Porsche has stopped rolling into the driveway. :-)

A properly installed NMO mount does not hurt resale value of a car. Just put a cellular antenna on it when you're ready to sell it and advertise it as "cellular ready."

>Radio: Kenwood TM-241A 2 Meter rig. Problems only on 50 watts.

>Same power as Bill.Antenna: Antenna Specialist, ON GLASS mount, for 2 meters.

Well here are your second and third problems, a Kenwood radio and an on glass antenna. :-)

Ok, I'm biased against Kenwood VHF rigs, but the on glass antennas really are a problem for RF on the transmission line. Tying the little tab to metal helps a bit, but don't be surprised if the antenna works just as well if you remove the whip and just let the coax radiate.

>Config: DC is taken from the fuse panel. (I know it should be on the battery >but it is really tough to attach the leads to the battery Terminals)

>Coax runs from under the AM/FM radio, through the enclosed moulding which >runs up the side of the windshield to the roof, back along the roof (under >the roof fabric) to the middle of the back windshield. The antenna is mounted >as close to the metal of the roof as possible.

Ok, fourth and fifth mistakes. You should take power from the battery, \*both\* leads. You can do this on a GM side post battery by using ring terminals under the heads of the connecting bolts. Grease them well after torquing down the bolts to prevent corrosion. GM says to route coax to the rear of the vehicle through the wiring channel under the molding strip at the bottom of the driver side door. Avoid the passenger side kick panel, that's where the computer lives. And naturally avoid the entertainment radio.

>The SWE is around 1.5:1 last time I checked.

That's a tad high, but acceptable for a normal antenna. For a on glass antenna, it probably indicates a problem. Try adding a few feet of cable and taking another reading. If it's different, you've got hot coax problems.

>PROBLEM: When I use 50 watts:  
> - The dome light comes on.  
> - The AM/FM radio generates a load hum. (RF getting in somewhere)  
> - My "shift up" light comes on.  
> - On occasion there is a clicking/light\_thunking sound from the doors.  
>(Sounds similar to when you press the power door lock button when the doors  
>have already been locked.)

All classic signs of a radiating coax inside the vehicle. As a test, try replacing the on glass antenna with a dummy load. Use a cable between the dummy load and the radio that parallels the on glass antenna cable. All these symptoms should go away. If so, you \*know\* it's the on glass antenna that's causing your problems. A magmount in the center of the roof would be much better. Drilling a hole and installing a NMO would be better still.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				emory!ke4zv!gary@gatech.edu

-----  
Date: Wed, 6 Jan 1993 15:16:13 GMT  
From: decrcrl!news.crl.dec.com!news!nntpd.lkg.dec.com!usenet@decwrl.dec.com  
To: info-hams@ucsd.edu

References <1993Jan5.085312.22208@ringer.cs.utsa.edu>,  
<1993Jan5.161735.17871@ke4zv.uucp>, <1icp0aINNmiv@transfer.stratus.com>  
Reply-To : reisert@sttng.mlo.dec.com (Jim Reisert)  
Subject : Re: QSL cards from SWLers (was Re: Ham transmissions-a hypothetical situation)

In article <1icp0aINNmiv@transfer.stratus.com>, Faith Senie writes:

> What does one reply to a SWL card?

I fill out a regular QSL card to the SWL station with some minor changes. I change 'confirming QSO' to 'confirming SWL report'. I cross out the 2-way mode box (to indicate there was no 2-way QSO with the listener). I also add the callsign of the station I was working at the time.

73 - Jim AD1C

--

James J. Reisert	Internet: reisert@sttng.enet.dec.com
Digital Equipment Corp.	UUCP: ...decwrl!sttng.enet!reisert
146 Main Street - ML03-6/C9	Voice: 508-493-5747
Maynard, MA 01754 FAX:	508-493-0395

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End of Info-Hams Digest V93 #39

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